

## Danner, Ward

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**From:** Poentis, Aaron Y CIV NAVFAC HI, EV <aaron.poentis@navy.mil>  
**Sent:** Wednesday, November 05, 2014 11:41 AM  
**To:** roxanne.kwan@doh.hawaii.gov; Richard Takaba (richard.takaba@doh.hawaii.gov)  
**Cc:** Shimabuku, June T. CIV NAVFAC HI, EV4; Kishaba, Raelynn I CIV NAVFAC HI, EV4; Nakamura, Peter M CIV NAVFAC HI, EV1; Tsutsui, Bruce O CIV NAVFAC HI, OPHE3; Mizuno, Arleen M CIV NAVFAC HI, PRJ412; steven.chang@doh.hawaii.gov; stuart.yamada@doh.hawaii.gov; Lovgren, Andrew C LCDR, NAVSUP FLCPH C700; Linder, Steven; Pallarino, Bob  
**Subject:** RED HILL STATUS REPORT - November 4, 2014  
**Importance:** High

Hi Richard/Roxanne:

Attached are the updated information for the weekly progress report from Navy Region Hawaii, and the Fleet Logistic Center Pearl Harbor for the week of October 28, 2014. In a process to ease reading, only sections with changes will be annotated.

1. Preliminary Work Plan

Action complete.

2. Release Response Action Items (initiate immediately, complete as soon as practicable)

a. Action 1 - Provide a schedule for the ventilation of Tank 5 and an estimated date to commence the investigation of release point(s) within Tank 5.

Action complete.

b. Action 2 - The rate of vertical migration for the released JP-8 free product is unknown. Information from the previously collected basalt cores could be used for initial modeling of vertical migration. This information is necessary to protect drinking water resources from petroleum contamination. Prepare models for petroleum JP-8 releases of 10,000, 20,000 and 30,000 gallons from points at 25% intervals from the bottom to the top of Tank 5.

No change. Based on discussions/meetings with EPA and DOH, the need for vertical migration modeling for the JP-8 release is being re-evaluated.

c. Action 3 - Removal of petroleum free product from the area outside the tank will reduce downward migration of the released JP-8 free product. Characterization of the free product plume and recovery of free product with increased monitoring are required to address this plume.

Free product investigation was conducted at 13 locations in Tank 5. No free product was identified. Awaiting a written report on the free product investigation that will be incorporated into the tank 5 Characterization WP/SP for release investigation under the tank.

d. Action 4 - Additional studies and procedures are required to address the potential and impact of any future releases from the USTs within the Complex. This will require new financial and personnel resources to complete. Funding for the preliminary work plan and all necessary following work is critical.

d.(1) Sentinel Wells

Preliminary analytical results for baseline groundwater samples from the two new wells, RHMW06 and RHMW07, are expected in late November.

d.(2) Site Characterization

No change. Site characterization beneath Tank 5 will follow completion of in-tank product recovery efforts. See Update for 2c - Action 3, above.

d.(3) AOC/SOW

The Navy/DLA submitted the redraft of the SOW to EPA/DOH on October 31, 2014. Negotiations are tentatively scheduled for the week of December 8, 2014.

d.(4) Request for Additional Information

The Navy continued to provide to the DOH and EPA via email the specific Red Hill information requested in DOH email of August 1, 2014.

d.(5) BWS/USGS Groundwater Flow Study

The Navy assisted USGS with their request to perform a site visit, survey the top of well casings, and monitor groundwater levels at the Red Hill groundwater monitoring wells. The USGS performed a site visit on October 30, 2014.

Please feel free to contact me if you have any questions.

Vr,

Aaron